



Handwritten initials/signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **MURAYAMA, Kei, et al**

Group Art Unit: **2811**

Serial No.: **10/709,096**

Examiner: **Junghwa M. IM**

Filed: **April 13, 2004**

P.T.O. Confirmation No.: 3095

For: **WIRING SUBSTRATE AND ELECTRONIC PARTS PACKAGING STRUCTURE**

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(c)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

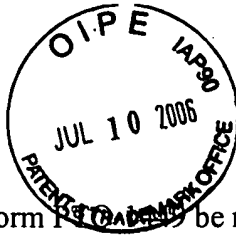
July 10, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached, together with a copy of the European Search Report.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$ 180.00 fee set forth in 37 CFR 1.17(p).

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the



documents cited in the attached Form PTO/BADEN be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this statement to our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,
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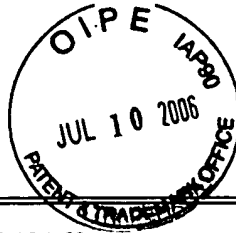
GNS/nrp
Atty. Docket No. 040169
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
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23850

PATENT TRADEMARK OFFICE

Enclosures: European Search Report
PTO-1449
References (12)
Check for \$ 180.00



INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 040169	Serial No. 10/709,096
	Applicant(s): MURAYAMA, Kei, et al	
	Filing Date: April 13, 2004	Group Art Unit: 2811

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	2001/0023782 A1	Nakamura	9/27/01			
_____	AB	6,543,131 B1	Beroz et al.	4/08/03			
_____	AC	5,677,575	Maeta et al.	10/14/97			
_____	AD	6,041,495	Yoon et al.	3/28/00			
_____	AE	5,736,791	Fujiki et al.	4/07/98			
_____	AF	2003/0127747 A1	Kajiwara et al.	7/10/03			
_____	AG	2003/0001286 A1	Kajiwara et al.	1/02/03			

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
_____	AH	EP 0 883 330 A1	12/09/98	EPO	
_____	AI	EP 1 361 612 A2	11/12/03	EPO	
_____	AJ				

OTHER DOCUMENTS

_____	AK	"VIA RICH THIN FILM WIRING SCHEME FOR ELECTRONIC PACKAGING", IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. New York, US, vol. 34, no.. 12, 1 May 1992, pages 85-86.
_____	AL	"IMPROVED JOINT STRENGTH, RELIABILITY AND COST", IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP., New York, US, vol. 36, no. 10, 1 October 1993, page 275.

Examiner	Date Considered
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